

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 23, 2003, 21:27:05 : Search time 519 Seconds

(Without alignments)
74.877 Million cell updates/sec

Title: US-09-802-674-4

Perfect score: 1390
Sequence: 1 MASPDGMDKNGPEQWSKL.....MOHNNRPTLPKGRVRSF 261

Scoring table:

BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 556269 seqs, 148893369 residues

Total number of hits satisfying chosen parameters: 556269

imum DB seq length: 0
imum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database:

Published Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCIT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCITUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1390	100.0	261	9-US-09-802-674-4	Sequence 4, Appli
2	1390	100.0	261	10-US-09-981-353-90	Sequence 80, Appli
3	1390	100.0	261	10-US-09-981-353-90	Sequence 24, Appli
4	1385	99.6	260	11-US-10-106-698-4637	Sequence 4637, Ap
5	1385	99.6	260	11-US-09-983-000A-26	Sequence 4, Appli
6	1385	99.6	260	14-US-10-000-954-5	Sequence 5, Appli
7	829.5	59.7	259	14-US-10-000-954-5	Sequence 117, App
8	829.5	59.7	260	10-US-09-981-353-117	Sequence 945, App
9	829.5	59.7	294	11-US-09-925-299-945	Sequence 945, App
10	829.5	59.7	294	11-US-09-925-299-945	Sequence 1, Appli
11	804	57.8	242	15-US-10-069-434-1	Sequence 1, Appli
12	773.5	55.6	259	11-US-09-938-2708-1	Sequence 25, Appli
13	773.5	55.6	259	11-US-09-938-2708-1	Sequence 6, Appli
14	773.5	55.6	259	11-US-10-000-954-6	Sequence 9, Appli
15	718	51.7	261	14-US-10-000-954-9	Sequence 9, Appli

16	512.5	36.9	289	15-US-10-074-475-239	Sequence 239, App
17	420	30.2	88	9-US-09-925-299-1111	Sequence 1111, Ap
18	420	30.2	88	11-US-09-925-299-1111	Sequence 1111, Ap
19	415.5	29.9	337	11-US-10-205-194-49	Sequence 49, Appli
20	380.5	27.4	337	11-US-09-946-374-423	Sequence 423, Appli
21	380.5	27.4	337	11-US-09-983-000A-27	Sequence 27, Appli
22	380.5	27.4	337	12-US-10-015-387A-423	Sequence 423, Appli
23	380.5	27.4	337	12-US-10-063-735-74	Sequence 74, Appli
24	380.5	27.4	337	12-US-10-006-130A-423	Sequence 423, Appli
25	380.5	27.4	337	12-US-10-199-672-268	Sequence 268, App
26	380.5	27.4	337	12-US-10-006-172A-423	Sequence 423, App
27	380.5	27.4	337	12-US-10-187-749-268	Sequence 268, App
28	380.5	27.4	337	12-US-10-194-457-268	Sequence 268, App
29	380.5	27.4	337	12-US-10-184-642-268	Sequence 268, App
30	380.5	27.4	337	12-US-10-196-747-268	Sequence 268, App
31	380.5	27.4	337	12-US-10-015-392A-423	Sequence 423, App
32	380.5	27.4	337	12-US-10-017-253A-423	Sequence 423, App
33	380.5	27.4	337	12-US-10-173-689-268	Sequence 268, App
34	380.5	27.4	337	12-US-10-173-690-268	Sequence 268, App
35	380.5	27.4	337	12-US-10-173-691-268	Sequence 268, App
36	380.5	27.4	337	12-US-10-173-692-268	Sequence 268, App
37	380.5	27.4	337	12-US-10-173-694-268	Sequence 268, App
38	380.5	27.4	337	12-US-10-173-698-268	Sequence 268, App
39	380.5	27.4	337	12-US-10-173-699-268	Sequence 268, App
40	380.5	27.4	337	12-US-10-173-707-268	Sequence 268, App
41	380.5	27.4	337	12-US-10-174-569-268	Sequence 268, App
42	380.5	27.4	337	12-US-10-174-583-268	Sequence 268, App
43	380.5	27.4	337	12-US-10-174-587-268	Sequence 268, App
44	380.5	27.4	337	12-US-10-174-589-268	Sequence 268, App
45	380.5	27.4	337	12-US-10-174-591-268	Sequence 268, App

ALIGNMENTS

RESULT 1					
US-09-802-674-4					
Sequence 4, Application US/09802674					
Patent No. US20020042088A1					
GENERAL INFORMATION:					
APPLICANT: Macina, Roberto A					
APPLICANT: Piderit, Alejandra					
TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and					
TITLE OF INVENTION: Treating Gastrointestinal Cancer					
FILE REFERENCE: DEX-0142					
CURRENT APPLICATION NUMBER: US/09/802, 674					
CURRENT FILING DATE: 2001-03-09					
PRIOR APPLICATION NUMBER: 60/188, 061					
PRIOR FILING DATE: 2000-03-09					
NUMBER OF SEQ ID NOS: 13					
SOFTWARE: PatentIn Ver. 2.1					
SEQ ID NO 4					
LENGTH: 261					
TYPE: PRT					
ORGANISM: Homo sapiens					
US-09-802-674-4					
Query Match					
Best Local Similarity 100.0%: Pred. No. 2.8e-138; Length 261;					
Matches 261; Conservative 0; Mismatches 0; Indels 0; Gaps 0;					
QY	1	MASPDGMDKNGPEQWSKLPIPIANGNNQSVYDIKTSETKHDTSLKPISVYNPATAKEI	60		
DB	1	MASPDGMDKNGPEQWSKLPIPIANGNNQSVYDIKTSETKHDTSLKPISVYNPATAKEI	60		
QY	61	INVGSFVNEEDNDNRSLKGFPSDSYRLFQHFHMGSTNEHGEHTYDVGVYSAELH	120		
DB	61	INVGSFVNEEDNDNRSLKGFPSDSYRLFQHFHMGSTNEHGEHTYDVGVYSAELH	120		
QY	121	VAHNSAKYSSLAESAASADLAVYIGVLMKGAENPKOKYLDALQAKTKYGRAPFTNF	180		
DB	121	VAHNSAKYSSLAESAASADLAVYIGVLMKGAENPKOKYLDALQAKTKYGRAPFTNF	180		

DB 183 DPSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 242
QY 241 PMOHNNRPTOPLKGRTRASF 261
DB 243 PMOHNNRPTOPLKGRTRASF 263

RESULT 5

US-09-983-000A-26
Sequence 26, Application US/09983000A
Publication No. US20030118585A1
GENERAL INFORMATION:
APPLICANT: AGY Therapeutics
APPLICANT: Melcher, Thorsten
APPLICANT: Mueller, Sabine
APPLICANT: Chin, Daniel
TITLE OF INVENTION: USE OF PROTEIN BIOMOLECULAR TARGETS IN THE TREATMENT AND VISUALIZ
FILE REFERENCE: 263/180 -- Peagleman -- AGY
CURRENT APPLICATION NUMBER: US/09/983.000A
CURRENT FILING DATE: 2001-10-17
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26
LENGTH: 260
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: Gene
LOCATION: (1)-(260)
OTHER INFORMATION: Carbonic anhydrase domain of human carbonic anhydrase 1
US-09-983-000A-26

Query Match 99.6%; Score 1385; DB 11; Length 260;
Best Local Similarity 100.0%; Pred. No. 9.4e-138;
Matches 260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ASPDMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKTHDTSKLPISVSYPATAKEII 61
DB 1 ASPDMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKTHDTSKLPISVSYPATAKEII 60
QY 62 NVGSHFVNFEDNDNRSVLKGPFSDSYRLFOFHFHMGSTNEHSGEHTVDGVKYSAEHLV 121
DB 61 NVGSHFVNFEDNDNRSVLKGPFSDSYRLFOFHFHMGSTNEHSGEHTVDGVKYSAEHLV 120
QY 122 AHMNSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDALOAIKTGKRAPFTNFD 181
DB 121 AHMNSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDALOAIKTGKRAPFTNFD 180
QY 182 PSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 241
DB 181 PSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 240
QY 242 MOHNNRPTOPLKGRTRASF 261
DB 241 MOHNNRPTOPLKGRTRASF 260

RESULT 6

US-10-000-954-4
Sequence 4, Application US/10000954
Publication No. US20020127226A1
GENERAL INFORMATION:
APPLICANT: Schlüssinger, Joseph
Barnea, Gilead
Grumet, Martin H.
Margolis, Richard U.
TITLE OF INVENTION: A NEW CLASS OF REPRESSORS: THEIR
STRUCTURAL DOMAINS AND LIGANDS
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS

STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/000.954
FILING DATE: 04-Dec-2001
CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/644,293
FILING DATE: 23-Aug-2000
APPLICATION NUMBER: 08/081,929
FILING DATE: <unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30742
REFERENCE/DOCKET NUMBER: 7683-041-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
LENGTH: 260 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-000-954-4

Query Match 99.6%; Score 1385; DB 14; Length 260;
Best Local Similarity 100.0%; Pred. No. 9.4e-138;
Matches 260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ASPDMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKTHDTSKLPISVSYPATAKEII 61
DB 1 ASPDMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKTHDTSKLPISVSYPATAKEII 60
QY 62 NVGSHFVNFEDNDNRSVLKGPFSDSYRLFOFHFHMGSTNEHSGEHTVDGVKYSAEHLV 121
DB 61 NVGSHFVNFEDNDNRSVLKGPFSDSYRLFOFHFHMGSTNEHSGEHTVDGVKYSAEHLV 120
QY 122 AHMNSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDALOAIKTGKRAPFTNFD 181
DB 121 AHMNSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDALOAIKTGKRAPFTNFD 180
QY 182 PSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 241
DB 181 PSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 240
QY 242 MOHNNRPTOPLKGRTRASF 261
DB 241 MOHNNRPTOPLKGRTRASF 260

RESULT 7

US-10-000-954-5
Sequence 5, Application US/10000954
Publication No. US20020127226A1
GENERAL INFORMATION:
APPLICANT: Schlüssinger, Joseph
Barnea, Gilead
Grumet, Martin H.
Margolis, Richard U.
TITLE OF INVENTION: A NEW CLASS OF REPRESSORS: THEIR
STRUCTURAL DOMAINS AND LIGANDS

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QY 63 VGHSEFVNFEDNDNRSVLKGPPSDSYRLFQFHFHMGSTNENGSEHTVDGVKYSAEHLVA 122
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 96 NGHAFVNEFDSDQDKAVLKGPLDGTJYRLFQFHFHMGSLDQSGSEHTVDKRYAAELHLV 155
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 123 HNSAKYSSLAESAASADGLAVIGVLMKGEANPKLOKVLDAILOAKITGKRAPFTNFPD 182
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 156 HMT-KYGDGKAVQDPDGLAVIGLKYGSAPGLOKVVLDISTIKTKGSADFTNFPD 214
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 183 STLLPSSLDFTWYPGSLTHPPLYESVTWIIICKESISVSSBOLAQFRSLLSNVEGDNAVPM 242
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 215 RGLLPESLDWYTPGSLTPPLLECCTWIVLKEPIYSVSEQVLFKFKLNFNGEGPEELM 274
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 243 QHNNRPTQPLKGTTRASF 261
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 275 VDMWRPAOPLKNQIKASF 293
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:

RESULT 10
US-09-925-299-945
: Sequence 945, Application US/09925299
: Publication No. US20030040617A9
: GENERAL INFORMATION:
: APPLICANT: Rosen et al.
: TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
: FILE REFERENCE: PA102
: CURRENT APPLICATION NUMBER: US/09/925,299
: PRIOR FILING DATE: 2001-08-10
: PRIOR APPLICATION NUMBER: PCT/US00/05883
: PRIOR FILING DATE: 2000-03-08
: PRIOR APPLICATION NUMBER: 60/124,270
: PRIOR FILING DATE: 1999-03-12
: NUMBER OF SEQ ID NOS: 1556
: SOFTWARE: Patent In Ver. 2.0
: SEQ ID NO 945
: LENGTH: 294
: TYPE: PRT
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: SITE
: LOCATION: (8)
: OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-299-945

Query Match
Best Local Similarity 59.7%; Score 829.5; DB 11; Length 294;
Matches 156; Conservative 32; Mismatches 70; Indels 1; Gaps 1:

QY 3 SPDMGYDDKNGPEWMSKLYPIANGNNSPYDITSETKHDTSLKPISSYNPATAKELIN 62
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Db 36 SHHWGTYGKHNGPEHMHKDPPIAKGEROSPVDIDTHTAKYDPSLKLVSVDQATSLRLIN 95
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 63 VGHSEFVNFEDNDNRSVLKGPPSDSYRLFQFHFHMGSTNENGSEHTVDGVKYSAEHLVA 122
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 96 NGHAFVNEFDSDQDKAVLKGPLDGTJYRLFQFHFHMGSLDQSGSEHTVDKRYAAELHLV 155
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 123 HNSAKYSSLAESAASADGLAVIGVLMKGEANPKLOKVLDAILOAKITGKRAPFTNFPD 182
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 156 HMT-KYGDGKAVQDPDGLAVIGLKYGSAPGLOKVVLDISTIKTKGSADFTNFPD 214
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 183 STLLPSSLDFTWYPGSLTHPPLYESVTWIIICKESISVSSBOLAQFRSLLSNVEGDNAVPM 242
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 215 RGLLPESLDWYTPGSLTPPLLECCTWIVLKEPIYSVSEQVLFKFKLNFNGEGPEELM 274
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 243 QHNNRPTQPLKGTTRASF 261
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 275 VDMWRPAOPLKNQIKASF 293
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:

RESULT 11
US-10-069-434-1
: Sequence 1, Application US/10069434
: Publication No. US20030121061A1
: GENERAL INFORMATION:
```

```
: APPLICANT: INCYTE GENOMICS, INC.
: APPLICANT: THORNTON, Michael
: APPLICANT: RAMKUMAR, Jayalaxmi
: APPLICANT: TRIBOULEY, Catherine M.
: APPLICANT: YUE, Henry
: APPLICANT: NGUYEN, Daniel B.
: APPLICANT: YAO, Monique G.
: APPLICANT: PATTERSON, Chandra
: APPLICANT: GANDHI, Ameena R.
: APPLICANT: BURFORD, Neil
: APPLICANT: THANGAVELU, Kavitha
: APPLICANT: BAUGHN, Mariah R.
: TITLE OF INVENTION: HUMAN LYASES
: FILE REFERENCE: PI-0137 PCT
: CURRENT APPLICATION NUMBER: US/10/069,434
: PRIOR FILING DATE: 2002-02-20
: PRIOR APPLICATION NUMBER: 60/213,383; 60/215,544; 60/222,818
: PRIOR FILING DATE: 2000-06-23; 2000-06-30; 2000-08-04
: NUMBER OF SEQ ID NOS: 6
: SOFTWARE: PERL Program
: SEQ ID NO 1
: LENGTH: 242
: TYPE: PRT
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc.feature
: OTHER INFORMATION: Incyte ID No. US20030121061A1 6338333CD1
US-10-069-434-1

Query Match
Best Local Similarity 57.8%; Score 804; DB 15; Length 242;
Matches 142; Conservative 44; Mismatches 53; Indels 0; Gaps 0:

QY 1 MASPMGYDDKNGPEWMSKLYPIANGNNSPYDITSETKHDTSLKPISSYNPATAKELI 60
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Db 1 MSRLSWGTYREHNGPRLHMKFFPPADDDQSPLEIKTKREKVYSSLRPLSIKYPSSAKII 60
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 61 INVGHSEFVNFEDNDNRSVLKGPPSDSYRLFQFHFHMGSTNENGSEHTVDGVKYSAEHL 120
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 61 SNSGHSFNVDFTDEKSKVLRGPGPLTGLSYRLNQVHLHMGASADHKGSEHTVDGVSAAELH 120
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 121 VAHNSAKYSSLAESAASADGLAVIGVLMKGEANPKLOKVLDAILOAKITGKRAPFTNF 180
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 121 VHWNSDKYPSVEVAHEPDGLAVIGLQIDEPNSQLKIDTIDLSIKKQKQRTWTF 180
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
QY 181 DPSTLLPSSLDFTWYTPGSLTHPPLYESVTWIIICKESISVSSBOLAQFRSLLSNVEGDNA 239
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 181 DLTSLPSPMDWYTPGSLTPPLLECCTWIVLKEPIYSVSEQVLFKFKLNFNGEGPEELM 274
|||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:

RESULT 12
US-09-938-270B-1
: Sequence 1, Application US/09938270B
: Patent No. US20020177241A1
: GENERAL INFORMATION:
: APPLICANT: Qimwe! Shi
: TITLE OF INVENTION: Differential Immunoassay
: FILE REFERENCE: 1112-1-080N
: CURRENT APPLICATION NUMBER: US/09/938,270B
: PRIOR FILING DATE: 2001-08-23
: PRIOR APPLICATION NUMBER: US 60/227,536
: PRIOR FILING DATE: 2000-08-24
: PRIOR APPLICATION NUMBER: US 60/292,497
: PRIOR FILING DATE: 2001-05-21
: NUMBER OF SEQ ID NOS: 2
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1
: LENGTH: 421
: TYPE: PRT
: ORGANISM: homosapien
US-09-938-270B-1

Query Match
55.7%; Score 774.5; DB 10; Length 421:
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QY 245 NNRPTQPLKGRVNASF 261
DB 242 NWRPQPINNRVNASF 258

RESULT 15

US-10-000-954-9

Sequence 9, Application US/10000954
Publication No. US20020127226A1
GENERAL INFORMATION:
APPLICANT: Schlessinger, Joseph
Barnea, Gilad
Grumet, Martin H.
Margolis, Richard U.
TITLE OF INVENTION: A NEW CLASS OF RPPases: THEIR
STRUCTURAL DOMAINS AND LIGANDS
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/000,954
FILING DATE: 04-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/644,293
FILING DATE: 23-Aug-2000
APPLICATION NUMBER: 08/081,929
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30742
REFERENCE/DOCKET NUMBER: 7683-041-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 261 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-10-000-954-9

Query Match 51.7%; Score 718; DB 14; Length 261;

Best Local Similarity 51.4%; Pred. No. 2.4e-67;

Matches 132; Conservative 45; Mismatches 78; Indels 2; Gaps 2;

QY 6 WGYDDKNGP-EQWSKLYPIANGNNSPVDITSETKHDTSLKPISYNPATAKEILNVG 64
DB 5 WGYGDDGDPASHMHKLPPIAOGDROSPINITISSQAVYSPSLQPLELSTYEACMSLSTING 64
QY 65 HSFHVFEDNDNRSLVKGGFPSDSYRLFQFHFGSTNEHSGSEHTVDGVKYSALHVAHW 124
DB 65 HSYGVDFNDSDDRTVTVGGPLEGPRYLKQFHFHMGKKHDVGSSEHTVDGKSPSELHLVHM 124
QY 125 NSAKYSSLAFAASKADGLAVYGVLMKVGANPKLQKYLDAIQAIKTKGRAPFTNFDPST 184
DB 125 NAKKYSTFGEAASAPDGLAV-GVPLETGEDHPSMRLTDALYVRFKGTAKQAFSCFNPKC 183
QY 185 LLPSSLDFTWYPSGLTTPPLYESVTWIIKESISVSSEQLAQFRSLLSNVEGDNAVPMQH 244

DB 184 LLPASRHYWTYPSGLTTPPLSESVTWIVLREPLISRKQKGFRLSLFTSEDDERIMHVN 243
QY 245 NNRPTQPLKGRVNASF 261
DB 244 NWRPQPINNRVNASF 260

Search completed: September 23, 2003, 21:43:04
Job time : 520 secs

RESULT 4
US-10-106-698-4637, Application US/10106698
: Publication No. US20030109690A1
: GENERAL INFORMATION:
: APPLICANT: Ruben et al.
: TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypept
: FILE REFERENCE: PA005P1
: CURRENT APPLICATION NUMBER: US/10/106,698
: CURRENT FILING DATE: 2002-03-27
: PRIOR APPLICATION NUMBER: PCT/US00/26524
: PRIOR FILING DATE: 2000-09-28
: PRIOR APPLICATION NUMBER: US 60/157,137
: PRIOR FILING DATE: 1999-09-29
: PRIOR APPLICATION NUMBER: US 60/163,280
: PRIOR FILING DATE: 1999-11-03
: NUMBER OF SEQ ID NOS: 8564
: SOFTWARE: PatentIn Ver. 3.0
: SEQ ID NO 4637
: LENGTH: 263
: TYPE: PRT
: ORGANISM: Homo sapiens
US-10-106-698-4637

DB 241 PMOHNNRPPTQPLKGRTRVRSF 261
|||||

Query Match 100.0%; Score 1390; DB 15; Length 263;
Best Local Similarity 100.0%; Pred. No 2.8e-138;
Matches 261; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MASPDMGYYDDKNGPEOWMSKLYPIANGNNGSPVDIKTSETKKHDTSLKPIISVSNPATAKEI 60
DB 3 MASPDMGYYDDKNGPEOWMSKLYPIANGNNGSPVDIKTSETKKHDTSLKPIISVSNPATAKEI 62
QY 61 INVGSHFHVNFEDNDNRSVLKGPGPDSYRLFOFHFWMGSTNEHGSEHTVDDGVKYSAMELH 120
DB 63 INVGSHFHVNFEDNDNRSVLKGPGPDSYRLFOFHFWMGSTNEHGSEHTVDDGVKYSAMELH 122
QY 121 VAHWNNAKYSSTLAESAASKADGLAVIGVLMKKGVEANPKLOKVDALDOLAIIKTKGKRAPFTNF 180
DB 123 VAHWNNAKYSSTLAESAASKADGLAVIGVLMKKGVEANPKLOKVDALDOLAIIKTKGKRAPFTNF 182
QY 181 DPSTLLPSSLDFTWYPGSLTHPPPLYESVTVIICKESISVSSSEOLAQFRSLLSNVEGDNAV 240

DB 183 DPSTLLPSSLDFTWYPGSLTHPPPLYESVTVIICKESISVSSSEOLAQFRSLLSNVEGDNAV 242
QY 241 PMOHNNRPPTQPLKGRTRVRSF 261
DB 243 PMOHNNRPPTQPLKGRTRVRSF 263
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RESULT 5
US-09-983-000A-26